

## ENTERIC SUPPLEMENTAL – WATER EXPOSURE

### I. Screen Prototype at Initial Load (Show treeview and right frame)

JURISDICTION BASED SECURITY – Users should NOT have the **SAVE** or **CANCEL** buttons and the [Edit](#) or [Remove](#) links if they do not have jurisdiction access for this condition.

Condition Water and Sewage Exposure for .....						
Home Sewage and Water Systems and Recreational Water Exposure:						
Error message here						
Exposure:*	HOME SEWAGE SYSTEM  V	System:	PRIVATE  V  (This should only show if Exposure = to HOME SEWAGE SYSTEM or HOME WATER SUPPLY)			
Type:	DRAIN FIELD  V	Other Type:				
Date of Exposure:	MMDDYYYY					
Location:	INSTATE_CITY  V					
City:	KANSAS CITY  V	State:	IL  V	Country:	KANSAS CITY  V	
<a href="#">Add to List</a> <a href="#">Clear</a>						
	<a href="#">Exposure</a>	<a href="#">System</a>	<a href="#">Type</a>	<a href="#">Date</a>	<a href="#">Entry Date</a>	<a href="#">Entered By</a>
<a href="#">Remove</a>	Recreational		Swimming Pool	06/05/2006	06/19/2006	BUSCHM
<a href="#">Remove</a>	Home Sewage	Private	Septic Tank	06/05/2006	06/19/2006	BUSCHM
<a href="#">Remove</a>	Home Water Supply	Public	Community	06/05/2006	06/19/2006	BUSCHM
Comments error message here						
Note:	<div></div>					
Count 0/2000						
<a href="#">Add to List</a> <a href="#">Clear</a>						
<a href="#">Note Date</a>	<a href="#">Note</a>	<a href="#">Entered By</a>				
03/01/2005	SOME COMMENT FOR THIS SCREEN	USER, JILL				
<a href="#">Save</a> <a href="#">Cancel</a>						

#### Screen Display

- Lock Entry Fields
  - No Wrap
  - Yellow Space is added to right of fields/labels (not in the middle or left)
- Grids set to 100% of full page
- Add to List and Clear set to top right most of grid
- Subheader titles (if needed) are bold
- No borders on sections/tables



### II. Click Edit in the Grid

**INSERT SCREEN SHOT**

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- a. Paging will be available in the list grids to show five at a time and add paging when there are more than five rows of information. Keep the current sort order when paging.
- b. The tab order should default as top to bottom left to right unless otherwise stated.
- c. No more than the maximum number of characters can be entered into the following fields:
  - o OTHER TYPE – 64

### III. JavaScript validations and behaviors

- a. Text Boxes - (OTHER\_TYPE, NAME )
  - o All text boxes transform text to uppercase on entry
  - o Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database
- b. When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.
- c. For numeric fields, use JavaScript to not allow entry of characters. (NA)
- d. Use JavaScript on select of Variable to enable or disable field labels and their respective data entry controls as follows:
  - o If OTHER is selected in Type, enable OTHER TYPE
  - o If INSTATE is selected in LOCATION, enable CITY
  - o If Out State is selected in LOCATION, enable State and City is filtered for the state.
  - o If Out of Country is selected in LOCATION, enable Country.
- e. Date Fields: (Date of Exposure)
  - o Display should include label, entry field, calendar icon, and format  
[Label:   (mmddyyyy) ]
  - o The calendar controls works correctly.
  - o Display **Invalid Date** directly below the date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
  - o Date fields - listed above – 8 (must have day in this date so it must be exactly 8 digits)
  - o When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.

### IV. Coding

- f. Drop down lists are loaded correctly:
  - **Exposure** (SURVWEB\_LOOKUP\_NAME – WATER EXPOSURE – Name ID 383139230)
  - **System** (SURVWEB\_LOOKUP\_NAME – SYSTEM – Name ID 383139234)
  - **Type** (SURVWEB\_LOOKUP\_NAME – WATER EXPOSURE TYPE – Name ID 383139244 – Filter Value for Water Exposure)
  - **Location** (SURVWEB\_LOOKUP\_NAME – LOCATION)

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- **City** (LOOKUP.ZIPS\_USA)
- **State** (LOOKUP.LU\_LOOKUPS – TYPE 1633)
- **Country** (LOOKUP.LU\_LOOKUPS – TYPE 1875)
- g. Display lists as follows:
  - **Water Exposure** (Exposure, System, Type)
- h. Sort list as follows:
  - **Food Exposure** (Exposure Ascending, System Ascending, Type Ascending)

### V. Display grid links

- **Before Save** of Record – Display
  - Remove
  - Edit
- **After Save** of Record – Display
  - Update and QA Role – No link
  - Admin Role – Remove and Edit

### VI. Error Messages

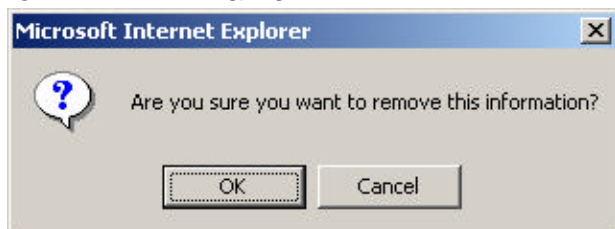
- i. The following error messages display in the order of the fields on the screen if applicable when the user clicks [Add to List](#) or the **Save** button:
  - Water Exposure
    - Exposure is required.
    - Date of Exposure cannot be a future date.
    - Date of Exposure cannot be prior to Person's Date of Birth.
    - System is required if Exposure is Home Sewage System or Home Water Supply.
    - Other Type must be alphanumeric, punctuation cannot be entered
    - Other Type cannot be entered when a type is selected.
    - Other Type is required when 'OTHER' is selected.
    - Combination of Exposure, Type and Date of Exposure is already in the list
    - Information has been entered to add to a list, click Add to List or Clear the information

### VII. Buttons and Links

- a. Error Messages - Validation to display messages to the user will not be performed on [Clear](#), [Cancel](#) or on **Cancel**
- b. Waiting - When click a link that will bring up another page, display a popup with the pyramid image and a message such as of "Working, please wait..." as per standards.
- c. When click the **Save** button, check
  - i. If passes validations, save to database and display Data Saved screen
  - ii. If fails validations, return error message directly above the Save button that states **•Validation failed, see validation messages at the top of each section.**
- d. When click **Cancel** button, reload the screen.

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- e. When click a [Clear](#) link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.
- f. When click an [Add to List](#) link, validate the entry fields in that section and their combinations.
  - iii. If passes validation,
    - 1. Add those items to the grid in a new row that has a [Remove](#) link sorted the same as prior to clicking the link and
    - 2. Clear out the entry fields in that section and
    - 3. Clear out error messages in that section.
  - iv. If fails validation, display the error messages above the entry fields in that section.
- g. When click an [Edit](#) link to edit a record
  - v. Clear out error messages in that section
  - vi. Display the information for that row in the entry fields
  - vii. Hide its Add to List and Clear links
  - viii. Show its Replace and Cancel link instead in the row
  - ix. Hide the Edit and Remove links in that row
- h. When click [Replace](#) link to replace a record, do the same as when click [Add to List](#) link, but if it passes validation then show its [Add to List](#) and [Clear](#) links and hide its [Replace](#) link.
- i. When click [Cancel](#) link to cancel edit of a record, do the same as when click the [Clear](#) link. Then show its [Add to List](#) and [Clear](#) links and hide its [Replace](#) link.
- j. When click a [Remove](#) link, display the following popup. [Remove](#) is NOT available for PRIMARY name.



- x. If click, OK,
  - 1. Remove the row from the grid display and if it was the only row, display "No items" as displayed in the screen shot above and
  - 2. Clear out the entry fields in that section and
  - 3. Clear out error messages in that section.
- xi. If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.
- k. Sorting - When click a column header in a grid, check to see if the sort is currently on that column. If so, sort the list on that column ascending or descending (opposite of what it currently is). If not, sort the list on that column ascending. Dates sort include the month, day and year.

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### VIII. Database Routines

- Retrieval of the user's security to display the screen.
- Information will be stored in tables as shown below:

**TABLE NAME: SURVWEB\_COND\_FOOD\_EXPOSURE**

Table:	Field on Screen	Database column	Comments
	NA	SURVWEB_COND_WATER_EXP_ID (PK)	Assigned at insert
	NA	SURVWEB_CONDITION_ID (FK)	FK
	Exposure	WATER_EXPOSURE_TYPE	Entry Field
	System	SYSTEM	Entry Field
	Type	Type	
	Other Type	OTHER_TYPE	Entry Field
	Date of Exposure	EXPOSURE_DATE	Entry Field
	Location	LOCATION	Entry Field
	City	CITY	Entry Field
	State	STATE	Entry Field
	Country	COUNTRY	Entry Field
	NA	ENTRY_DATETIME	Assigned at insert
	NA	ENTRY_USERID	Assigned at insert
	NA	LAST_CHANGED_DATE TIME	Assigned at update
		LAST_CHANGED_USER ID	Assigned at update

### IX. Database Routines – Notes

Saved to survweb\_cond\_note with a note\_type of "WATER EXPOSURE".

Table:	Field on Screen	Database column	
SURVWEB.SURVWEB_COND_NOTE	NA	SURVWEB_COND_NOTE_ID	Assigned at insert
PK SURVWEB_COND_NOTE_ID	NA	SURVWEB_CONDITION_ID	FK
FK1 SURVWEB_CONDITION_ID ENCOUNTER_ID CONTACT_ID NOTE_TYPE NOTE_TEXT ENTRY_DATETIME ENTRY_USERID	NA	ENCOUNTER_ID	Null
	NA	CONTACT_ID	Null
	NA	NOTE_TYPE	WATER EXPOSURE
	Note	NOTE_TEXT	Entry Field
	NA	ENTRY_DATETIME	Assigned at insert
	NA	ENTRY_USERID	Assigned at insert